

Geographic Spread



South Carolina reported widespread activity this week. This is the thirteenth consecutive week at widespread activity.

Influenza Activity



Overall, there was a decrease in influenza activity this week.

Regional Influenza Activity



No change



No change



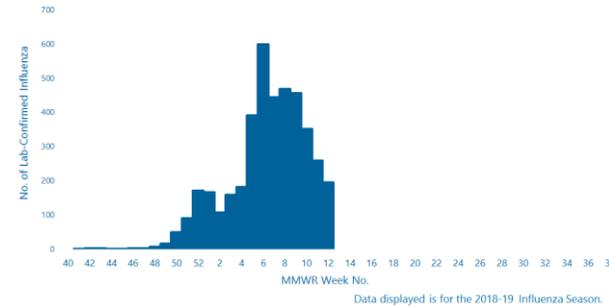
A decrease



An increase

Virologic Surveillance

This week there were **195** lab-confirmed tests reported. Influenza A was most frequently reported. In the current flu season, there have been **4129** lab-confirmed tests reported.



Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was 5.3%, which is above South Carolina's baseline (3.53%). The ILI activity level overall was **high**.



Influenza-Associated Hospitalizations

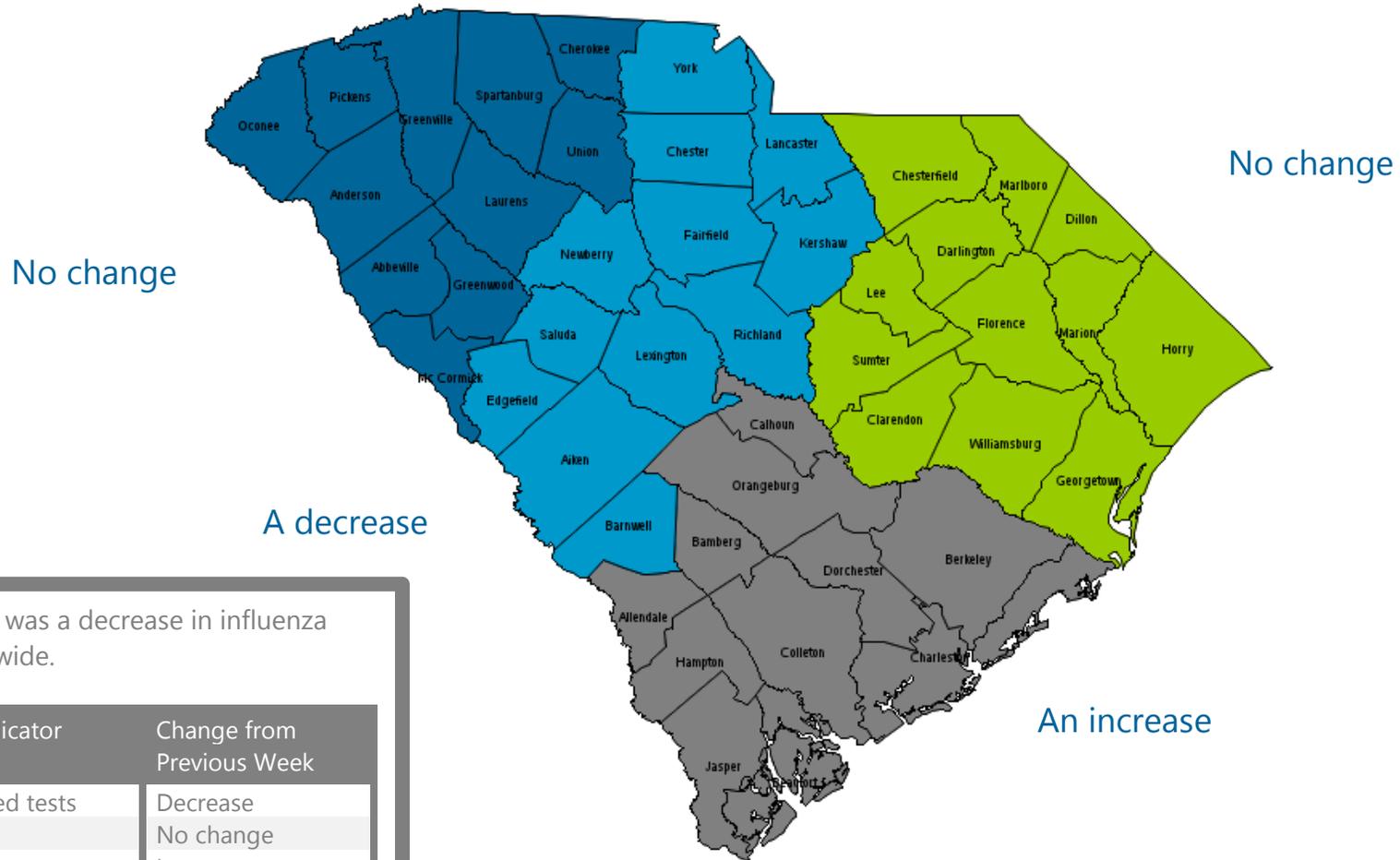
This week 149 influenza-associated hospitalizations were reported by 53 hospitals. The cumulative hospitalization rate is 45.2 per 100,000. In the current flu season, there have been 2269 influenza-associated hospitalizations.

Influenza-Associated Deaths

This week 3 influenza-associated deaths that occurred this week were reported. The cumulative mortality rate is 1.4 per 100,000. In the current flu season, there have been 72 influenza-associated deaths.

Influenza Activity*

In the 4 Public Health Regions, activity showed...



Overall there was a decrease in influenza activity statewide.

Influenza Indicator	Change from Previous Week
Lab-confirmed tests	Decrease
ILI Percent	No change
Hospitalizations	Increase

*Indicators for assessing influenza activity include: lab-confirmed tests, ILI percent, and hospitalizations.

Virologic Surveillance

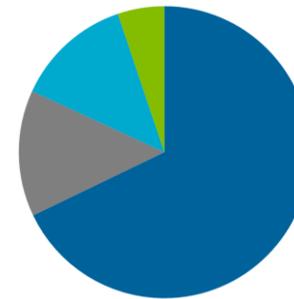
Influenza Type	Season Totals To Date					
	No. (%)	This Week	2018-19	2017-18	2016-17	5 season average
Overall		195	4129	3418	2007	1577
Influenza A		183(94.9)	4010(97.1)	2409(70.5)	1370(68.3)	1198(75.9)
A(H3)		25(13.7)	510(12.7)	527(21.9)	354(25.8)	253(21.1)
A(H1N1)		27(14.8)	396(9.9)	199(8.3)	62(4.5)	273(22.8)
A(NS) [*]		131(71.6)	3104(74.4)	1683(69.9)	954(69.6)	672(56.1)
Influenza B		10 (5.1)	119(2.9)	1009(29.5)	637(31.7)	379(24.1)
B (Victoria)		--	2(1.7)	1 (0.1)	--	0.2 (0.1)
B (Yamagata)		--	--	49(4.9)	--	9.8 (2.6)
B (LND) ⁺		10(100)	117(98.3)	959(95.0)	637(100)	369(97.4)

*NS – not subtyped

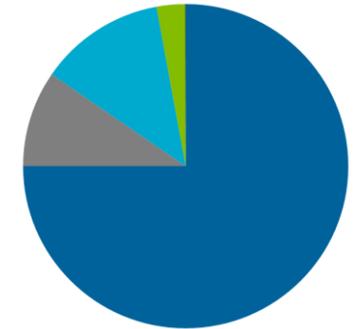
+LND – lineage not determined

Nationally, the influenza season begins with MMWR week 40 and ends with MMWR week 39. The 2018-19 influenza season began on September 30, 2018 and will end on September 28, 2019.

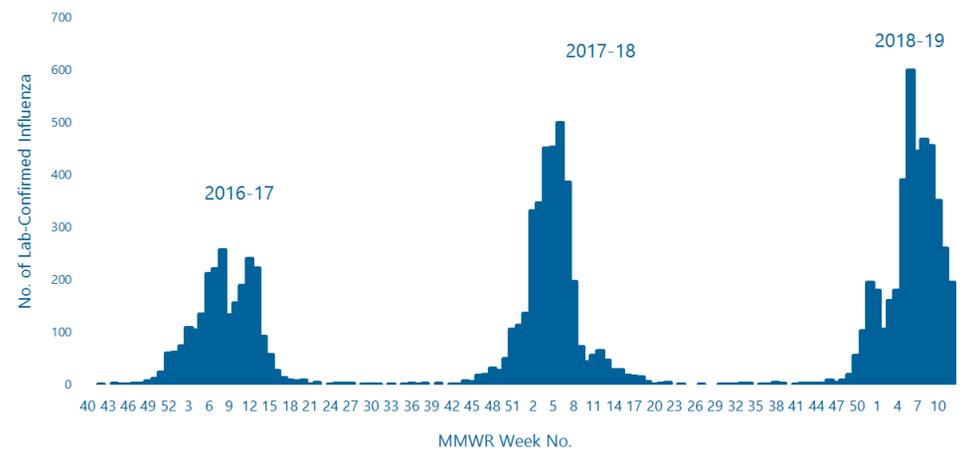
Week ending 3/23



Cumulative



■ A not subtyped ■ A(H1N1) ■ A (H3) ■ B (lineage not determined) ■ B (YAM) ■ B (VIC)



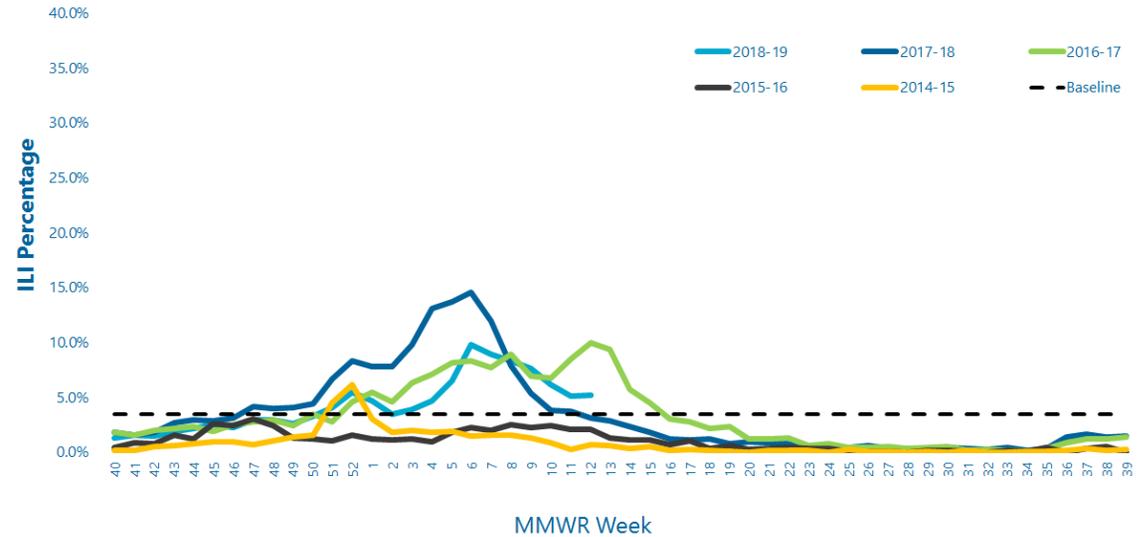
Influenza-Like Illness Surveillance

This week, the ILI activity level was **high** and 5.3% of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is above the state baseline, 3.53%.

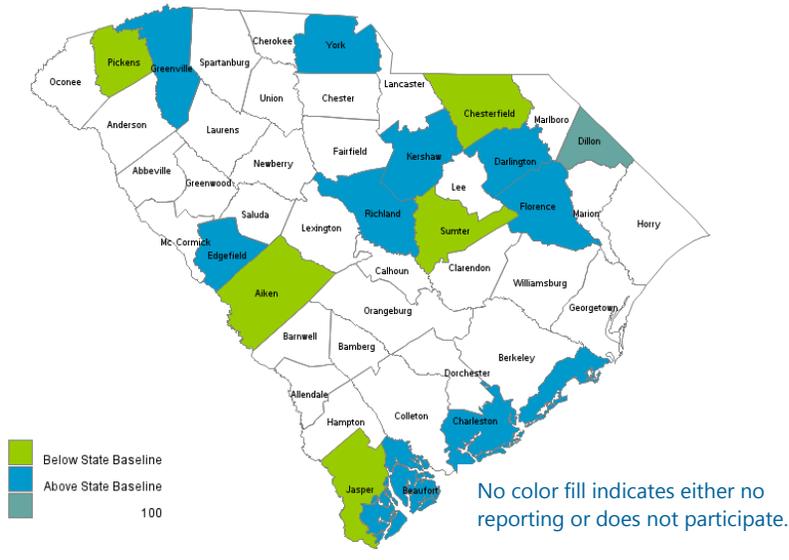
Reports were received from providers in 15 counties, representing all DHEC Public Health regions.

ILI percentage is dependent upon the number of reporting providers and/or can vary by disease activity or the number of providers submitting reports.

Percentage of Influenza-like Illness (ILI) Visits Reported by Sentinel Providers for Past and Current Seasons



County ILI Percent



State ILI Activity Level 2018-19 Calendar by Week of the Year

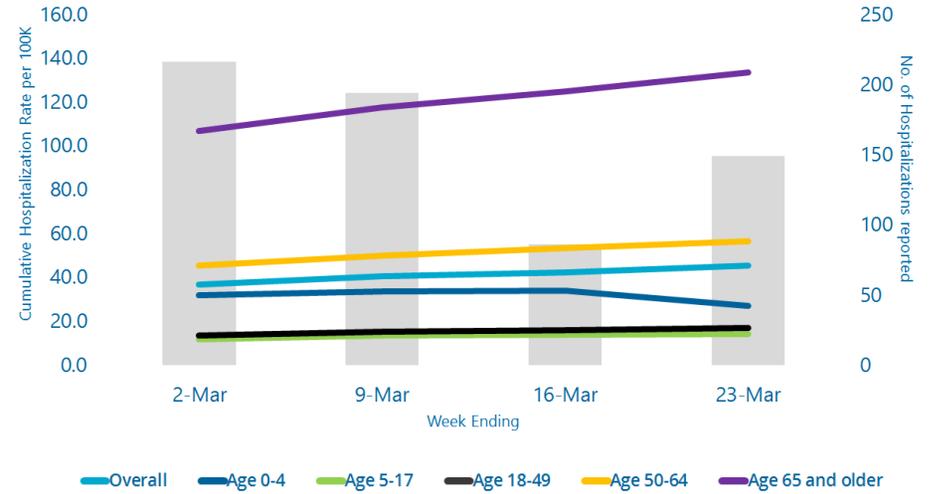
OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
40	44	48	1	5	9	14	18	22	27	31	36
41	45	49	2	6	10	15	19	23	28	32	37
42	46	50	3	7	11	16	20	24	29	33	38
43	47	51	4	8	12	17	21	25	30	34	39
		52			13			26		35	

ILI ACTIVITY LEVELS: MINIMAL LOW MODERATE HIGH

Influenza-Associated Hospitalizations And Deaths

Hospitalizations No. (Rate)	Overall	Ages 0-4	Ages 5- 17	Ages 18-49	Ages 50-64	Ages 65+
This Week	149(2.9)	8(2.7)	2(0.3)	27(1.3)	33(3.3)	74(8.6)
2018-19	2269(45.2)	108(36.8)	114(14.1)	350(17.0)	564(56.5)	1154(133.5)
2017-18	4277(85.1)	149(50.7)	132(16.3)	557(27.1)	993(99.5)	2446(282.9)
2016-17	1983(40.0)	84(28.8)	102(12.7)	269(13.2)	455(45.9)	1073(129.3)
5 season average	2433(49.5)	137(47.0)	104(13.0)	390(19.2)	570(58.1)	1231(151.9)

Deaths No. (Rate)	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	3	--	--	--	--	3(0.4)
2018-19	72 (1.4)	2(0.7)	1(0.1)	4(0.2)	20(1.9)	45(5.2)
2017-18	277(5.5)	3(1.0)	--	26(1.3)	47(4.8)	200(23.1)
2016-17	64(1.3)	0	1(0.1)	5(0.2)	9(0.9)	49(5.9)
5 season average	114(2.4)	1 (0.3)	1 (0.1)	13(0.7)	20(2.1)	79(9.9)



Influenza-Associated Deaths by Region

